

20060114.ba v03\_n880.bam.20060114

>From ???@??? Sat Jan 14 11:46:28 2006 -0600  
Date: Sat, 14 Jan 2006 11:45:52 CST  
From: Old Tube Radios <boatanchors@theporch.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: BOATANCHORS digest 3880  
Message-Id: <20060114174254.0221240946@srvr1.theporch.com>

BOATANCHORS Digest 3880

Topics covered in this issue include:

- 1) Re: Silver solder?  
by "Spencer Petri" <wa5jci@flash.net>
- 2) Re: Silver solder?  
by Bob Roehrig <broehrig@aurora.edu>
- 3) Re: Silver solder?  
by Garey Barrell <k4oah@mindspring.com>
- 4) Re: Silver solder?  
by "Roger Dillon" <rdillontx1@comcast.net>
- 5) 15% Ag solder  
by "Eric Jones" <ejones@hiwaay.net>
- 6) Re: Silver solder?  
by Buzz <muttman@charter.net>
- 7) Re: 15+ACU- Ag solder  
by "Tom Rauch" <w8ji@contesting.com>
- 8) RM-11305  
by "Tom Rauch" <w8ji@contesting.com>
- 9) ADMINISTRIVIA: NO Fancy HTML in Posts  
by listtown@nanniandjack.com (Mail List Owner)
- 10) "Micamold" capacitors??  
by "Sandy W5TVW" <ebjr@i-55.com>
- 11) Re: GB> "Micamold" capacitors??  
by "Sandy W5TVW" <ebjr@i-55.com>
- 12) Re: GB> "Micamold" capacitors??  
by w8au@sssnet.com
- 13) Re: GB> "Micamold" capacitors??  
by "Arden Allen" <gumbear@pacbell.net>
- 14) FS: MILLEN GDO  
by "Richard W. Solomon" <w1ksze@earthlink.net>
- 15) Re: 15+ACU- Ag solder  
by "Tom Rauch" <w8ji@contesting.com>
- 16) One more solder thing....  
by "Tom Rauch" <w8ji@contesting.com>
- 17) Silver solder  
by "David Thompson" <thompson@mindspring.com>
- 18) Re: Silver solder?

- by Jason Buchanan <jsb@digistar.com>  
19) Re: GB> "Micamold" capacitors??  
by Raymond C0te <rjcote@hawaii.rr.com>  
20) Dimensions for LS-206 speaker front panel needed  
by Tom Norris <r390a@bellsouth.net>  
21) Re: Dimensions for LS-206 speaker front panel needed  
by Robert Nickels <w9ran@oneradio.net>  
22) postage stamp mica caps-Deja-vu!  
by wb3fau@att.net

-----  
Message-ID: <000901c617e3\$6dab5d80\$13488304@xxx>

From: "Spencer Petri" <wa5jci@flash.net>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: Re: Silver solder?

Date: Thu, 12 Jan 2006 19:48:12 -0600

MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Subject: Silver solder?

> I need to use a small torch to resolder a filament pin of a 3-500Z. Eimac  
> and W6SAI say that silver solder must be used to make a good connection.  
I  
> also use silver solder for wiring straps to tank coils.  
>  
> I used the last of my small supply and need more. I need ideas of where  
to  
> get a small quantity without running into the minimum \$ order from say  
> Newark or Allied.  
>  
> Thanks in advance for the help.  
>  
> 73 Dave K4JRB  
>

As hard as it is to believe, when I needed some Radio Shack had it. Probably  
doesn't stock it anymore, since somebody else needs some.

73,

Pete WA5JCI

-----  
Date: Thu, 12 Jan 2006 19:50:12 -0600 (CST)

From: Bob Roehrig <broehrig@aurora.edu>  
To: Old Tube Radios <boatanchors@theporch.com>  
Cc: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Silver solder?  
Message-ID: <Pine.LNX.4.61.0601121949170.19647@hermes.aurora.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII; format=flowed

On Thu, 12 Jan 2006, Gary Woods wrote:

> Not quite the same thing: Silver\_bearing\_solder, so as not to break the  
> silver-wetted terminal bond when you replaced parts on those funky ceramic  
> terminal strips. But the solder was useable with a regular iron, and just  
> had a small amount of silver in the tin-lead alloy. Wouldn't stand up to  
> high temp applications.

OK - thanks for the enlightenment - by golly the first new thing I've  
learned this year :-)

Bob Roehrig  
Aurora University Telecom dept.  
broehrig@aurora.edu  
K9EUI W9ZGP WC2XSR/11 WD2XSH/19  
630-844-4898 fax 630-844-4222  
"Nostalgia is a thing of the past"

-----  
Message-ID: <43C710B7.80209@mindspring.com>  
Date: Thu, 12 Jan 2006 21:30:15 -0500  
From: Garey Barrell <k4oah@mindspring.com>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Silver solder?  
Content-Type: text/plain; charset=ISO-8859-1; format=flowed  
Content-Transfer-Encoding: 7bit

There is a BIG difference in "silver solder", and "silver bearing solder".

What Tek used in the early scopes is "silver bearing solder", about 2-3% silver in otherwise tin-lead solder. They used it to prevent the solder from "leaching" the silver out of the ceramic strip plating and destroying the silver/ceramic bond. It melts at about the same temperature as regular tin-lead solder (700 - 800 degrees F) and is not any harder or stronger than regular solder.

"Silver solder" on the other hand is a very high temperature solder used

by jewelers to make and repair silverware and jewelry. It is MUCH harder material than tin-lead, and melts in the (1100 to 1600 degree C) range. These temperatures require a torch, and is more accurately called "brazing".

Since Dave mentioned a torch, and is talking about soldering power tube filament pins, I think what he is looking for is really "Silver solder". Some have used "silver bearing solder" to resolder these pins and then are surprised when the solder melts and flows out the first time the turn on the filaments!

You can probably find "silver solder" in small quantities from a hobby shop, or places like MicroMark or others that cater to model makers or jewelers.

By the way, most SMT manufacturers are again recommending "silver bearing solder" for SMT parts for the same reason Tek used it!

73, Garey - K40AH  
Atlanta

Drake C-Line Service Manual  
<<http://www.k4oah.com>>

Bob Roehrig wrote:

>  
> Talk to someone with an older Tektronix scope. They used silver solder  
> to repair them and I think they had a small spool of it inside the  
> scopes.

>  
>  
> Bob Roehrig  
> Aurora University Telecom dept.  
> broehrig@aurora.edu  
> K9EUI W9ZGP WC2XSR/11 WD2XSH/19  
> 630-844-4898 fax 630-844-4222  
> "Nostalgia is a thing of the past"  
>  
>

-----  
Message-ID: <00f501c617e9\$1d8a2790\$6501a8c0@rjd>  
From: "Roger Dillon" <rdillontx1@comcast.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Silver solder?  
Date: Thu, 12 Jan 2006 20:28:56 -0600

MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Gary is correct. The silver solder you want can be ordered from a place like Santa Fe Jewelry supply. It comes in three grades, easy, medium and hard. Melting point of approximately 1150F, 1300F and 1400F resp. I would think the easy grade would be fine. Maybe someone else could comment on that. 73 Roger N5PGH

> On Thu, 12 Jan 2006 19:34:23 -0600 (CST), you wrote:  
>  
> >Talk to someone with an older Tektronix scope. They used silver solder to  
> >repair them and I think they had a small spool of it inside the scopes.  
>  
> Not quite the same thing: Silver \_bearing\_ solder, so as not to break the  
> silver-wetted terminal bond when you replaced parts on those funky ceramic  
> terminal strips. But the solder was useable with a regular iron, and just  
> had a small amount of silver in the tin-lead alloy. Wouldn't stand up to  
> high temp applications.  
>  
>  
> Gary Woods ...>

-----  
Message-ID: <004401c617fc\$6d319040\$af41b4d8@ejones>  
From: "Eric Jones" <ejones@hiwaay.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: 15% Ag solder  
Date: Thu, 12 Jan 2006 22:43:06 -0600  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="utf-7"  
Content-Transfer-Encoding: 7bit

de N4TGC Eric

Is used to braze Cu refrigeration tubing. Comes by the skinny stick, requires an oxy-acet torch to use. Would 15+ACU- be enough silver? e

-----  
From: Buzz <muttman@charter.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Cc: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Silver solder?  
Date: Thu, 12 Jan 2006 21:02:37 -0800  
Message-ID: <71des19bt6i4ktheqosp8n0pcn3b0o7lj8@4ax.com>

MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: quoted-printable

Try a welding supply store. I got a small coil and a bottle of flux on a bubble card.

Buzz

On Thu, 12 Jan 2006 20:08:51 -0500, you wrote:  
>I need to use a small torch to resolder a filament pin of a 3-500Z. =  
Eimac  
>and W6SAI say that silver solder must be used to make a good connection.=  
I  
>also use silver solder for wiring straps to tank coils.  
>  
>I used the last of my small supply and need more. I need ideas of where=  
to  
>get a small quantity without running into the minimum \$ order from say  
>Newark or Allied.  
>  
>Thanks in advance for the help.  
>  
>73 Dave K4JRB

-----  
Message-ID: <001d01c61833\$2c9ca560\$6501a8c0@akorn.net>  
From: "Tom Rauch" <w8ji@contesting.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: 15+ACU- Ag solder  
Date: Fri, 13 Jan 2006 06:19:09 -0500  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="utf-7"  
Content-Transfer-Encoding: 7bit

You better know what you are doing if you use higher temp silver on a tube pin. If I was of the mindset that higher temp than lead-tin was necessary, I'd just go to Lowes or Homeodepot and get the type used for soldering pipes. It's all lead free for drinking health reasons and so it has higher temp than regular lead but not so high you can't use a MAP gas torch. Needs flux badly though.

To tell you the truth when I resolder them I just use normal lead-tin 60/40. Never had a moments problem doing that. If the pin gets to 400F or so, you are doing something wrong.

Blow some air on the base seals. If the pin unsoldered the seals were probably over temp. The only reason in the world to use silver is for higher temp, so I'd select something with an alloy that wouldn't ruin the tube from soldering temp. It has zero to do with conductivity.

Same in the tank. It's a mechanical strength issue and temp issue, not conductivity. We use regular map gas and a very small point flamer and solder from McMaster Carr that has a temp range hot enough the tank won't desolder but not so hot that we crack ceramic bandswitches when soldering.

73, Tom W8JI

----- Original Message -----

From: +ACI-Eric Jones+ACI- +ADw-ejones+AEA-hiwaay.net+AD4-

To: +ACI-Old Tube Radios+ACI- +ADw-boatanchors+AEA-theporch.com+AD4-

Sent: Thursday, January 12, 2006 11:43 PM

Subject: 15+ACU- Ag solder

+AD4- de N4TGC Eric

+AD4-

+AD4- Is used to braze Cu refrigeration tubing. Comes by the skinny stick, requires

+AD4- an oxy-acet torch to use. Would 15+ACU- be enough silver?

e

+AD4-

-----  
Message-ID: <002d01c61863\$dcf042c0\$6501a8c0@akorn.net>

From: "Tom Rauch" <w8ji@contesting.com>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: RM-11305

Date: Fri, 13 Jan 2006 12:07:40 -0500

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

RM-11305 was filed on behalf of the "Communications Think Tank" I think it is important to pay attention to this!

[http://gullfoss2.fcc.gov/prod/ecfs/comsrch\\_v2.cgi](http://gullfoss2.fcc.gov/prod/ecfs/comsrch_v2.cgi)

Type in RM-11305 if you are interested in reading the proposal. What this proposal does is essentially abolish all mode guidelines and turn it over to users to decide if someone wants to work phone, digital, or CW on any particular area of the band. We would depend on amateurs to be good citizens and follow good bandplans, and the FCC would have nothing much to do with saying what goes on where inside the band.

If you work digital modes, CW, or any narrow mode you will be at the mercy of any operator of wider modes to stay off your frequency. If you work weak signal CW, the present generation of SSB transceivers will affect your noise floor as far as several kHz outside the passband of the SSB signal. There will be no FCC rule saying SSB, AM and FM operates here and CW, RTTY, and Slow Scan operates over there. It will all be up to the moral character and common sense of the operator to not QRM incompatible modes.

This is one more step towards turning amateur radio into a no-regulation service. Maybe most of us want that, maybe most don't.

If you don't want to see that go to this field:  
[http://gullfoss2.fcc.gov/prod/ecfs/upload\\_v2.cgi](http://gullfoss2.fcc.gov/prod/ecfs/upload_v2.cgi)

and fill out the form and make a comment against RM-11305

If you think removing all FCC regulations on bandwidth and modes is a good idea for the future of amateur radio, then comment that way.

-----  
From: listtown@nanniandjack.com (Mail List Owner)  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: ADMINISTTRIVIA: NO Fancy HTML in Posts  
Date: Fri, 13 Jan 2006 11:15:00 -0800 (PST)  
Message-Id: <20060113191501.2A15F1409E@osr506.nanniandjack.com>

Gang-

SOMETHING NEW IS ADDED HERE!

Please accept this periodic posting as it is intended:  
A suggestion that will help everyone on the list...

Many many of the members of the list read through text-based mailers on systems of other than WIntel origins... this is particularly true for



those members who are "off-shore" where the technology is too expensive to justify. Just keep in mind that NOT everyone reads the list postings with the very latest windowed technology.

PLEASE avoid the use of HTML and "quoted printable" in your email. If you don't know what this means, then PLEASE get help and set your mailer up so that you send your posts to the list in "PLAIN TEXT" only, with NO fancy HTML.... generally, avoid fancy fonts and colors, which will force your mailer to use the fancy stuff, and creates the problem.

There is a Web Site that tells how to send Plain Text for virtually \*ALL\* email software, INCLUDING AOL and CompuServe! It has detailed instructions for each mailer and should be followed closely...

This way we can reduce or even ELIMINATE the dreaded "Forbidden Message Format" block that trails so many emails...

Go to <http://www.expita.com/nomime.html>

Where you will find good reasons for NOT sending html "pretty print" and good techniques for sending only plain text.

You may have seen "FORBIDDEN FORMAT" in a post to the list, and wondered what happened... it is the phrase we insert to let the poster know that the post contained a binary, an attachment, HTML, a "vcard" or some other format that presents a problem to the List Processor... it enforces consideration of your fellow BoatAnchors members.

PLEASE use only plain text.

PLEASE Get help with setting your mailer to not send the fancy HTML and quoted printable.

PLEASE GO TO <http://www.expita.com/nomime.html>

PLEASE be considerate of the list resources and your fellow members.

Thanks for your attention

--

73

Jack, W4KH/Mobile - - - BoatAnchor Mailing List Owner - - -  
listown@nanniandjack.com - "Plus ca change, plus c'est la meme chose"  
"Il n'y a que les idiots qui ne changent jamais d'idee"  
Fri Jan 13 11:15:00 PST 2006

-----  
Message-ID: <00f201c61886\$f92d07c0\$8aa0cdd1@s0023531634>  
From: "Sandy W5TVW" <ebjr@i-55.com>

To: Old Tube Radios <boatanchors@theporch.com>  
Subject: "Micamold" capacitors??  
Date: Fri, 13 Jan 2006 15:18:59 -0600  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Can anyone remember? Micamold corporation used to make a rectangular shaped molded series of mica AND paper capacitors that looked pretty much like the mica "postage stamp" capacitors nearly everyone made back in the 1940's and 1950's before the dipped mica capacitor came out. The question is: how did one tell which was a paper capacitor and which was a mica capacitor? Seems like the color of the case material was the clue as I remember? I also think the papers were black and the micas were the yucky brown color?

Micamold molded paper caps were VERY notorious for going leaky!  
( Even worse than the infamous Sprague "Black Beauties"!)

I remember replacing many, many in SCR-522 radios when trying to convert them to 2 meter AM rigs! We even still had some in service in aircraft back in the mid and late 1950's. (Some of our B-26 aircraft that didn't have the ARC-3 installed yet!)

73,

Sandy W5TVW

-----  
Message-ID: <001101c6188e\$cf0b8860\$cb9fcdd1@s0023531634>  
From: "Sandy W5TVW" <ebjr@i-55.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: GB> "Micamold" capacitors??  
Date: Fri, 13 Jan 2006 16:15:05 -0600  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

Yeah, I think these in the RCA AR-88 are the damned paper ones. Guess next step is to replace them ALL! The set works nicely, but I don't trust the Micamold paper caps AT ALL! Too much trouble to do down the road, and since they are Micamould papers, might as well change them and have less to worry about later!

73,

Sandy W5TVW

----- Original Message -----

From: <rbethman@comcast.net>

To: "Sandy W5TVW" <ebjr@i-55.com>; <glowbugs@piobaire.mines.uidaho.edu>;  
"Boatanchors reflector"

<boatanchors@theporch.com>

Sent: Friday, January 13, 2006 4:00 PM

Subject: Re: GB> "Micamold" capacitors??

| Sandy et al,

|  
| If my memory serves me correctly, the GOOD ones were RED in color. The BAD ones  
were as you point  
out that "yucky" BROWN.

| My memories and what I seem to be currently observing.

| Bob - N0DGN

| ----- Original message -----

| From: "Sandy W5TVW" <ebjr@i-55.com>

| > Can anyone remember? Micamold corporation used to make a rectangular shaped  
| > molded

| > series of mica AND paper capacitors that looked pretty much like the  
| > mica "postage stamp" capacitors nearly everyone made back in the  
| > 1940's and 1950's before the dipped mica capacitor came out.

| > The question is: how did one tell which was a paper capacitor and  
| > which was a mica capacitor?

| > Seems like the color of the case material was the clue as I remember?  
| > I also think the papers were black and the micas were the yucky brown  
| > color?

| >  
| > Micamold molded paper caps were VERY notorious for going leaky!  
| > ( Even worse than the infamous Sprague "Black Beauties"!)  
| >

| > I remember replacing many, many in SCR-522 radios when trying  
| > to convert them to 2 meter AM rigs! We even still had some in service  
| > in aircraft back in the mid and late 1950's. (Some of our B-26 aircraft  
| > that didn't have the ARC-3 installed yet!)

| >

| > 73,

| >

| > Sandy W5TVW

|  
| --  
| No virus found in this incoming message.  
| Checked by AVG Free Edition.  
| Version: 7.1.371 / Virus Database: 267.14.17/228 - Release Date: 1/12/2006  
|  
|

-----  
Message-Id: <6.2.1.2.0.20060113174153.02ce6eb0@mail.sssnet.com>  
Date: Fri, 13 Jan 2006 17:45:15 -0500  
To: Old Tube Radios <boatanchors@theporch.com>  
From: w8au@sssnet.com  
Subject: Re: GB> "Micamold" capacitors??  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 05:15 PM 1/13/06, Sandy W5TVW wrote:

>Yeah, I think these in the RCA AR-88 are the damned paper ones.  
>Guess next step is to replace them ALL! The set works nicely,  
>but I don't trust the Micamold paper caps AT ALL! Too much  
>trouble to do down the road, and since they are Micamould papers, might  
>as well change them and have less to worry about later!

Yeah, I heard you last night on 3547 saying that it was very stable..  
Remember that old saying, "Leave well-enough alone?" :-)

(you'll make me feel bad for not changing out my AR-88 caps....) ;-)

Perry w8au

-----  
Message-ID: <004301c6189a\$0b8c92b0\$9ee47443@KB6NAX>  
From: "Arden Allen" <gumbear@pacbell.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: GB> "Micamold" capacitors??  
Date: Fri, 13 Jan 2006 15:34:04 -0800  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

It's been a while since I ranted on the subject of leaky caps. I think it is a good practice to replace all capacitors that NEED to be replaced and be done with it. Capacitors that need to be replaced are those that operate with a high voltage applied such as screen and B+ bypass caps. Where leakage will cause problems with tube bias, plate to grid blocking capacitors should be replaced. If you can verify in-circuit operation of a

capacitor is not detrimental and is not likely to be if leakage increases then take a gamble and leave it in. I've done that myself but it's still possible I have future repair work to do....

Arden Allen  
KB6NAX

-----  
From: "Richard W. Solomon" <w1ksz@earthlink.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: FS: MILLEN GDO  
Date: Fri, 13 Jan 2006 18:47:41 -0500  
Message-ID: <IBEAICMPAKMPCMJKFBLBCECHFAA.w1ksz@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Model 90651, with all standard coils (no VLF).  
\$80 plus shipping. Works great.

73, Dick, W1KSZ

-----  
Message-ID: <000701c6189e\$b46a42c0\$6501a8c0@akorn.net>  
From: "Tom Rauch" <w8ji@contesting.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Cc: "Old Tube Radios" <boatanchors@theporch.com>  
Subject: Re: 15+ACU- Ag solder  
Date: Fri, 13 Jan 2006 19:08:51 -0500  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="utf-7"  
Content-Transfer-Encoding: 7bit

+AD4- Your's is the answer I would have been looking for. Can you dig up the  
+AD4- names and McMaster-Carr catalog numbers and post them?  
Thanks.

<http://www.mcmaster.com/>

In the search on the left upper corner, type in silver solder.

You will get two pages with silver solder in the search.  
One page has silver bearing solder, the other silver brazing

solder. They include temperature range and applications.

-----  
Message-ID: <000d01c618a0\$3b474bc0\$6501a8c0@akorn.net>  
From: "Tom Rauch" <w8ji@contesting.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: One more solder thing....  
Date: Fri, 13 Jan 2006 19:19:49 -0500  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="utf-7"  
Content-Transfer-Encoding: 7bit

McMaster part number 7667A23 is suitable for tube pins.

7667A23

Solder Without Flux Core 97.5+ACU- Lead, 1.5+ACU- Silver, 1+ACU-  
Tin,.125+ACI- Dia, 1 lb Spool  
565-574 degree F melting point.

I'd sooner be hanged from a tree before I'd use 1100 degree  
solder on a tube base+ACE- 285 C solder is MORE than enough,  
since the allowable seal temp is in that temp range and the  
pin is well under seal temp.

-----  
Message-ID: <00d901c618a1\$85b87f20\$f7639a04@yourxb2x7j77gn>  
From: "David Thompson" <thompson@mindspring.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Silver solder  
Date: Fri, 13 Jan 2006 18:59:12 -0500  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Besides radio Shack and Mouser a friend says he will send me a short roll.

Did not know the difference between silver solder and silver bearing solder.  
Guess Bob and I are not too old to learn HI. My retired varian buddy K4DLI  
told me the same thing.

Thanks to all.

73 Dave K4JRB

-----  
Message-ID: <43C86668.5040407@digistar.com>

Date: Fri, 13 Jan 2006 21:48:08 -0500  
From: Jason Buchanan <jsb@digistar.com>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Silver solder?  
Content-Type: text/plain; charset=ISO-8859-1; format=flowed  
Content-Transfer-Encoding: 7bit

I had to do this with a 3-400Z tube. The steps I took were to remove the tin-lead solder with wick. Then I applied a liquid rosin flux and resoldered with 6% silver, 94% tin solder at 430F.

hope this helps!

--

73 Jason N1SU

Jason Buchanan - Boxboro, MA  
Website: <http://n1su.com/>

-----  
Message-ID: <43C8857A.6080109@hawaii.rr.com>  
Date: Fri, 13 Jan 2006 19:00:42 -1000  
From: Raymond C0te <rjcote@hawaii.rr.com>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
CC: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: GB> "Micamold" capacitors??  
Content-Type: text/plain; charset=windows-1252; format=flowed  
Content-Transfer-Encoding: 7bit

So far, So Good.

But what do the colors signify, if anything? I've seen the brown and red ones, also some yellow and gray. Does anyone have any info on the color scheme?

Ray

Sandy W5TVW wrote:

>Yeah, I think these in the RCA AR-88 are the damned paper ones.  
>Guess next step is to replace them ALL! The set works nicely,  
>but I don't trust the Micamold paper caps AT ALL! Too much  
>trouble to do down the road, and since they are Micamould papers, might  
>as well change them and have less to worry about later!

>  
>| Sandy et al,  
>|  
>| If my memory serves me correctly, the GOOD ones were RED in color. The BAD  
ones were as you point  
>out that "yucky" BROWN.  
>|  
>| My memories and what I seem to be currently observing.  
>|  
>| Bob - N0DGN  
>|  
>| ----- Original message -----  
>| From: "Sandy W5TVW" <ebjr@i-55.com>  
>| > Can anyone remember? Micamold corporation used to make a rectangular shaped  
>| > molded  
>| > series of mica AND paper capacitors that looked pretty much like the  
>| > mica "postage stamp" capacitors nearly everyone made back in the  
>| > 1940's and 1950's before the dipped mica capacitor came out.  
>|  
>

-----  
Mime-Version: 1.0 (Apple Message framework v734)  
Content-Transfer-Encoding: 7bit  
Message-Id: <FD717CC5-EF26-41EA-BF2B-DFE15ED61BF9@bellsouth.net>  
Content-Type: text/plain; charset=US-ASCII; delsp=yes; format=flowed  
To: Old Tube Radios <boatanchors@theporch.com>  
From: Tom Norris <r390a@bellsouth.net>  
Subject: Dimensions for LS-206 speaker front panel needed  
Date: Sat, 14 Jan 2006 03:26:32 -0600

I'm looking for the front panel dimensions for the LS-206 dual  
speaker panel.

Thanks for any help

Tom NU4G

-----  
Message-ID: <43C931AD.7030404@oneradio.net>  
Date: Sat, 14 Jan 2006 11:15:25 -0600  
From: Robert Nickels <w9ran@oneradio.net>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
CC: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Dimensions for LS-206 speaker front panel needed  
Content-Type: text/plain; charset=ISO-8859-1; format=flowed  
Content-Transfer-Encoding: 7bit



Tom Norris wrote:

> I'm looking for the front panel dimensions for the LS-206 dual speaker  
> panel.

>

> Thanks for any help

>

> Tom NU4G

>

>

Hi Tom,

Mine is 19" wide by 8 3/4" tall by 1/8" deep ;-)

73,

3D Bob W9RAN

-----  
From: wb3fau@att.net

To: Old Tube Radios <boatanchors@theporch.com>

Subject: postage stamp mica caps-Deja-vu!

Date: Sat, 14 Jan 2006 17:45:32 +0000

Message-Id:

<011420061745.9184.43C938BB000E36FA000023E021602813029A0E00CC0D99@att.net>

I just happen to be working on a troublesome old RCA floor console [model  
7K1]. Problems

- audio distortion, lack of BC band sensitivity. I replaced all those old  
waxy bypass

and couplers but still not up to snuff. I guess I should get at the micas  
now....Russ.

-----  
End of BOATANCHORS Digest 3880

\*\*\*\*\*